

SECRET**PRIORITY**

P 262100Z JUN 68

1968 JUN 26 21 27Z

FM NPIC WASHDC

TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB

RUWTFRA/100TH SRW OL 19 MCCOY AFB FLA

RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUEOJFA/DIA ATTN: DIAXX-2

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 4090.

SAC FOR DIR, DOSR, DISD: 15TH AF FOR DI. DO; 100TH SRW FOR CO, DCOI; HQ USAF FOR

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-028

1. QUALITY SUMMARY: MISSION G-028, FLOWN ON 21 JUNE 1968

CONTAINS SOME FRAMES THAT PROVIDE BETTER IMAGE QUALITY THAN THE LAST

MISSION EMPLOYING UNIT NUMBER B-18. FRAME TO FRAME QUALITY, HOWEVER,

IS MORE VARIABLE THAN EXPERIENCED ON RECENT MISSIONS. THE IMAGERY

PAGE 2 RUEADJU 88 S E C R E T

NUMEROUS FRAMES APPEARS DISTURBED WHICH IS PROBABLY THE RESULT OF VEHICLE VIBRATION AND/OR MIRROR SETTLING. INTERPRETATION SUITABILITY RANGES FROM POOR, AT THE BEGINNING OF THE MISSION, TO GOOD NEAR THE END OF THE MISSION ON THE FRAMES WHERE IMAGE DISTURBANCE IS NOT APPARENT. THE POOR RATING IS THE RESULT OF A THIN NEGATIVE AND POSSIBLE LIGHT HAZE CONDITION. CLOUDS OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER USED IN MISSION G-028 FLOWN ON 21 JUNE 1968. THIS WAS AN OPERATION MISSION USING THE U-2 AIRCRAFT. MODE 5 WAS USED THROUGHOUT THE MISSION.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED BY NAV. RECON TECH SUPPCEN. ALL THE MATERIAL WAS PROCESSED TO 0.6 GAMMA WITH A SPEED OF 2.32.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE BEGINNING OF THE MISSION IS SLIGHTLY UNDEREXPOSED. AS SOLAR ELEVATION INCREASES THE EXPOSURE BECOMES ADEQUATE AND THEN VERY SLIGHTLY OVEREXPOSED AT THE END OF THE MISSION.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM EXCEPT AT THE

PAGE 3 RUEADJU 88 S E C R E T

BEGINNING AND END OF THE MISSION. THE START OF MISSION IS THIN AND THE END OF MISSION IS SLIGHTLY HEAVY DUE TO THE EXPOSURE.

C. IMAGED DEGRADATIONS

BOTH CAMERAS: OUTBOARD EDGE STATIC AND INBOARD ROLLER CHATTER ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. LIGHT LEAK FOG EXTENDS INTO THE FORMAT ON FRAMES 001 AND 002, PROBABLY ASSOCIATED WITH CAMERA START UP. A PLUS DENSITY FOG, ASSOCIATED WITH THE VERTICAL DOT LIGHT SOURCE IS PRESENT THROUGHOUT THE MISSION. A FAINT IMAGE OF POSITIONS, OTHER THAN THE ACTUAL POSITION INDICATED, ARE VISIBLE INTERMITTENTLY THROUGHOUT THE MISSION.

DISTRIBUTION	
CY	OFFICE
2	FILE
	CABLE SEC
	PP&B/ED
	SECUR.
3	TSSG
	REPRO
	AID
	IEG
	PROD
	SCIEN
	WEST
	M&S
	PGM
4	IAS
	DIA-XX4
	SPAD
	WASHIA-AP
	CMX

ADVANCE CY
SANITIZED
WITH TEXT

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

-2-

1

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: A HEAT SPLICE IS PRESENT IN FRAME 1035. A MANUFACTURER'S SPLICE IS LOCATED IN FRAME 1556.

(2) 9L SIDE: A HEAT SPLICE IS PRESENT IN FRAME 1020. A MANUFACTURER'S SPLICE IS LOCATED IN FRAME 1813.

E. AUXILIARY DATA: ALL DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.

F. OTHER: THE LAST TITLED FRAME OF BOTH SIDES IS 2267.

4. POSITIVES:

A. THE PRINTING AND PROCESSING WERE GOOD.

B. TWO COPIES OF THE FIRST CAN OF FILM FROM THE LEFT SIDE WERE RECEIVED. THE FIRST CAN OF THE RIGHT SIDE WAS MISSING.

GP-1

S E C R E T

END OF MESSAGE

1